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U.S. Patent application 10/053,260

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Response to U.S. Patent office action dated 09/24/2003

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : NEWMARK, DAVID P  
Serial No. : 10/053,260 Confirmation No. 1280  
Filed : 01/18/2002  
For : THREADED HOLE FINISHING TOOL  
Examiner : HOWELL, DANIEL W  
Art Unit : 3722  
Docket No : M1817-3

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### Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in a postage prepaid envelope addressed to:  
Hon. Assistant Commissioner for Patents, Washington DC 20231

Date : 12/19/2003  
By : David P. Newmark  
Signature :   
Receipt No. : EU 950620735 US

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Hon. Assistant Commissioner for Patents  
Washington, D.C. 20331

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### AMENDMENT NO. 1 TO THE DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

SIR:

In accordance with 37 C.F.R. 1.121, I the Applicant / Inventor wish to bring to the attention of the Examiner a request to remove and replace a Paragraph in the THE DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT in Patent application No. 10/053,260. The change is required to correct an error in a number call out : "cutting members 14 exhibit a helix angle 22 that ..." (on line 14 of page 6 of the original application). It should read "cutting members 14 exhibit a helix angle 23 that ...."

The paragraph that should be removed and replaced begins on line 12 of page 6 of

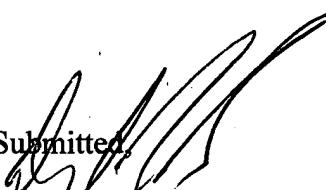
the original application, or is paragraph 0031 in the application publication No. US  
2003/0138302 A1 of July 24, 2003.

I respectfully request the Examiner consider this change.

Please find attached the new paragraph.

David P. Newmark  
Vernon Devices inc.  
111 Plain Ave  
(914) 633 0038

Respectfully Submitted,

  
David P. Newmark  
Applicant/Inventor  
Date: 12/19/2003

**NEW PARAGRAPH**

Referring now to **FIG. 3a**, the end view of cutter body 13 shows where a cross section IIIb-IIIb of **Fig. 3b** is taken. Referring now to **FIG. 3b**, cutting members 14 exhibit a helix angle 23 that correspond to the helix angle 22 of helical flute 15 on tap 12. The equality or near equality of the helix angles 22 and 23 is necessary to permit free slidability of cutter body 13 as it rides up and down, rotating on tap 12.



U.S. Patent application 10/053,260

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Hon. Assistant Commissioner for Patents  
Washington, D.C. 20331

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### AMENDMENT NO. 2 TO THE DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

SIR:

In accordance with 37 C.F.R. 1.121, I the Applicant / Inventor wish to bring to the attention of the Examiner a request to remove and replace a Paragraph in the THE DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT in Patent application No. 10/053,260. The change is required to correct an error in the number call out of : "helix angle 23 of tap flute 15" (on line 21 of page 6 of the original application) . It should actually read : "helix angle 22 of tap flute 15".

The paragraph that should be removed and replaced begins on line 18 of page 6 of

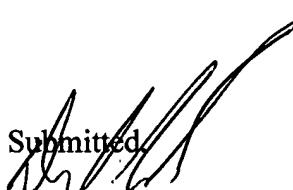
the original application, or is paragraph 0032 in the application publication No. US  
2003/0138302 A1 of July 24, 2003.

I respectfully request the Examiner consider this change.

Please find attached the new paragraph.

David P. Newmark  
Vernon Devices inc.  
111 Plain Ave  
(914) 633 0038

Respectfully Submitted,

  
David P. Newmark  
Applicant/Inventor  
Date: 12/19/2003

**NEW PARAGRAPH**

Referring now to FIG.4, an inside surface 24 of each cutting member 14 supports flute following edges 25 and 26. The size of surface 24 and the distance between following edges 25 and 26, plus matching helix angle 23 of cutting member 14 with the helix angle 22 of tap flute 15, is critical to slidable operability of cutting body 13 on tap 12.